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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Mueller et al.

Confirmation No.: 6135

Serial No.: 09/816,832

Art Unit: 3739

Filed: March 22, 2001

Examiner: David M. Shay

For: PHOTOATHEROLYTIC  
CATHETER APPARATUS  
AND METHOD

Attorney Docket No: 10177-141-999

**AMENDMENT FILED UNDER 37 C.F.R. § 1.116**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action dated September 22, 2004, please consider enter the following amendments and consider the following remarks:

**Amendments to the Claims** begin on page 2 of this Response

**Remarks** begin on page 5 of this Response

**Conclusion** begins on page 7 of this Response